

**CLEAN COPY OF THE SPECIFICATION
FOLLOWING ENTRY OF THIS AMENDMENT AFTER ALLOWANCE**

IN THE CLAIMS:

Amended claims 1-13 as follows:

1.(Currently Amended) A navigation system for use in a motor vehicle, comprising:

a position sensor that senses the geographic position of ~~thesaid~~ navigation system and provides a first navigation system position signal indicative thereof;

a data bus;

a navigation computing unit that receives ~~thesaid~~ first navigation system position signal, and transmits onto ~~thesaid~~ data bus (i) a first position signal indicative of the position of a trip starting location, (ii) a second position signal indicative of a trip destination location, and (iii) ~~thesaid~~ first navigation system position signal;

a monitor unit that includes

- a memory device that includes map data;
- a monitor computing unit that receives from ~~thesaid~~ data bus (i) ~~thesaid~~ first position signal, (ii) ~~thesaid~~ second position signal and (iii) ~~thesaid~~ received navigation system position signal, and accesses ~~thesaid~~ memory device to generate initial image data including map data indicative of the trip starting location, the trip destination and the current position of the navigation system; and

- a display device responsive to ~~thesaid~~ image data, to display an initial image indicative of ~~thesaid~~ image data;

wherein ~~thesaid~~ navigation computing unit receives a second navigation position signal indicative of a new position of ~~thesaid~~ navigation system and transmits ~~thesaid~~ second navigation position signal over ~~thesaid~~ data bus to ~~thesaid~~ monitor computing unit, which generates revised image data including map data indicative of the trip starting location, the trip destination and the updated position of the navigation system, which is provided for display on ~~thesaid~~ display device.

2.(Currently Amended) The navigation system of claim 1, wherein ~~the~~ the position sensor comprises a global position satellite (GPS) receiver.

3.(Currently Amended) The navigation system of claim 2, wherein ~~the~~ the first position signal and ~~the~~ the second position signal each include longitude and latitude position data.

4.(Currently Amended) The navigation system of claim 1, wherein ~~the~~ the navigation computing unit also transmits to ~~the~~ the monitor computing unit via ~~the~~ the data bus (iv) an instruction that a first place symbol belongs at the map location associated with the trip starting location, and (v) an instruction that a second place symbol belongs at the map location associated with the trip destination location.

5.(Currently Amended) The navigation system of claim 4, wherein ~~the~~ the navigation computing unit also transmits to ~~the~~ the monitor computing unit via ~~the~~ the data bus (vi) an instruction that a throughway runs between the trip starting location and the trip destination location.

6.(Currently Amended) The navigation system of claim 5, wherein ~~the~~ the first and second position signals each include geographic data formatted in accordance with the WGS 84 Standard.

7.(Currently Amended) A motor vehicle navigation system, comprising:

a position sensor that senses the geographical position of ~~thesaid~~ navigation system and provides a first navigation system position signal indicative thereof;

a data bus;

a navigation computing unit that receives ~~thesaid~~ first navigation system position signal, and transmits onto ~~thesaid~~ data bus (i) a first position signal indicative of the position of a trip starting location, (ii) a second position signal indicative of a trip destination location, and (iii) ~~said-the first received~~ navigation system position signal;

a road map memory device that includes map data;

means responsive to (i) ~~thesaid~~ first position signal, (ii) ~~thesaid~~ second position signal and (iii) ~~thesaid first received~~ navigation system position signal and ~~thesaid~~ map data, for generating initial image data including map data indicative of the trip starting location, the trip destination location and the current position of the navigation system; and

a display that displays an initial image indicative of ~~thesaid~~ initial image data.

8.(Currently Amended) The motor vehicle navigation system of claim 7, wherein ~~thesaid~~ navigation computing unit receives a second navigation position signal indicative of a new position of ~~thesaid~~ navigation system and transmits ~~thesaid~~ second navigation position signal over ~~thesaid~~ data bus to ~~thesaid~~ monitor computing unit, which generates revised image data including map data indicative of the trip starting location, the trip destination and the updated position of the navigation system, which is provided for display on ~~thesaid~~ display.

9.(Currently Amended) The motor vehicle navigation system of claim 8, wherein ~~the~~the~~said~~ position sensor comprises a global position satellite (GPS) receiver.

10.(Currently Amended) The motor vehicle navigation system of claim 9, wherein ~~the~~the~~said~~ data bus comprises a Media Oriented Synchronous Transfer (MOST) bus.

11.(Currently Amended) The motor vehicle navigation system of claim 9, wherein ~~the~~the~~said~~ data bus comprises a Multi Media Link (MML) bus.

12.(Currently Amended) The motor vehicle navigation system of claim 7, wherein ~~the~~the~~said~~ navigation computing unit computes a travel route between the trip starting location and the trip destination, and transmits a signal indicative of ~~the~~the~~said~~ travel route to ~~the~~the~~said~~ means for generating over ~~the~~the~~said~~ data bus.

13.(Currently Amended) A method of generating an image for display by a motor vehicle navigation system that includes a navigation computing unit, a data bus and a monitor unit, comprising:

sensing the geographical position of the navigation system and providing a first navigation system position signal indicative thereof;

transmitting onto ~~thesaid~~ data bus from the navigation computing unit (i) a first position signal indicative of the position of a trip starting location, (ii) a second position signal indicative of a trip destination location, and (iii) ~~thesaid~~ first navigation system position signal;

receiving at the monitor unit ~~thesaid~~ first position signal, ~~thesaid~~ second position signal, and ~~thesaid~~ first navigation system position signal;

generating, at the monitor unit, initial image data including map data indicative of the trip starting location, the trip destination location and the current position of the navigation system; and

displaying an initial image indicative of ~~thesaid~~ initial image data.